DEPARTMENT OF PHYSICS

Integrated BS-Physics/PSM-Nanoscience Degree Program

EXAMPLE PROGRAM OF STUDY
Option 1: Nanomaterials and Nanoelectronics

Fall of Senior Year

* NAN/PHY 511/MSE 526 Materials Physics I	3 credits

Spring of Senior Year

* NAN/PHY512/MSE 527 Materials Physics II	3 credits
* NAN/PHY/CHM 544 Introduction to Nanoscience	3 credits

Fall of Graduate Year

NAN 591: Professional Seminar	2 credits
NAN 500-level Elective course[1]	3 credits
NAN 500-level Elective course[1]	3 credits

Spring of Graduate Year

NAN 591: Professional Seminar	2 credits
NAN 593: Applied Project	3 credits
NAN 500-level Elective course[1]	3 credits
NAN 505: Nanoscience and Society[2]	2 credits

First Summer Session of Graduate Year[3]

NAN 506: Innovation and IP Management[2]	2 credits
NAN 593 Applied Project	3 credits

**** Shared Courses (9 credit hours)***

[1] Many suitable NAN 500-level Elective Courses are available as advertised here.

[2]NAN 505 and NAN 506 are alternatives, of which only one is required. Students may take both for a total of 32 credits. BS-Physics students with grades less than 3.0 in their two semesters of Quantum Physics are required to take NAN 571: Quantum Physics for Nanoscience also. This course is considered a Core Course for non-Physics majors.

[3]Students are encouraged to discuss the timing of the NAN 506 and of NAN 593: Applied Project with the PSM Program Director .